



THE UNITED STATES PATENT AND TRADEMARK OFFICE  
In re Patent Application of

PIIRAINEN

Group Art Unit: Not Yet Assigned

Appln. No.: 09/893,735

Examiner: Not Yet Assigned

Filed: June 29, 2001

FOR: DATA TRANSMISSION METHOD AND SYSTEM

\* \* \* \* \*

August 28, 2001

**INFORMATION DISCLOSURE STATEMENT**

Hon. Commissioner of Patents  
Washington, DC 20231

Sir:

Enclosed herewith is a PTO-1449 with copies of references cited in the specification of the above-identified application for the Examiner's review.

Consideration of the foregoing as well as the return of a copy of the PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited.

Respectfully submitted,  
PILLSBURY WINTHROP LLP

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FORM PTO-1449 (modified)  
 To: U.S. Department of Commerce  
 (PW FORM PAT 1449)  
 Patent and Trademark Office



Atty. Dkt. No.	M#	Client Ref.
	281483	2010736US/BR/HER

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Date: August 28, 2001

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**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
ER						
FR						
GR						
HR						
IR						
JR						

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
KR	WO 99/14871	03/1999	WIPO	ALAMOUTI				
LR								
MR								
NR								
OR								
PR								
QR								
RR								
SR								
TR								

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

UR	Tarokh et al., "Space-Time Block Codes from Orthogonal Designs," IEEE Transactions on Information Theory, Vol. 45, No. 5, July 1999, pp. 1456-1467.			
VR	Sandhu et al., "Space-Time Block Codes: A Capacity Perspective," IEEE Communications Letters, Vol. 4, No. 12, December 2000, pp. 384-386.			
WR	Foschini, "Layered Space-Time Architecture for Wireless Communication in a Fading Environment When Using Multi-Element Antennas," Lucent Technologies, Inc., Bell Labs Technical Journal, Autumn 1996, pp. 41-59.			
XR				
YR				
ZR				

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.